

# Monitoring Times 2007 Index

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### Scanning/VHF/UHF:

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### Utility/Ham Radio

ZBR Bermuda Harbor Radio	FEB
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Storm Chasing w/ham radio	MAY
World of 10 Meter Beacons	MAY
Military Monitoring - FL Panhandle	JUN
The ARRL's "Big Project" (kids)	SEP

### AMERICAN BANDSCAN (even months)

FEB	News Stations and "Criticality": new stations on the air.
	IBOV/HD/Digital Radio News; Big Sky DX; Golden State DX; New Brunswick DX; More from Asia; Stations Sold
APR	A Radio Mystery (nationwide signal on 1610 kHz);

IBOC/HD/Other Digital Radio News; Digital TV News; New Brunswick DX; Maine DX & new stations

JUN March 23rd: The Day the DX Died? HD DX; FM translators of AM Stations; New SanFran station; New FM&TV stations  
AUG HD Radio Rules Released. Weird Frequencies (Guam); Canadian AM News; Retro Radio; Radio Station Starts Forest Fire; DX from Easter Island; Stations Changes

OCT Cheaters, or not? (High-power BCing outside hours); Breaking News (IBOC rules published); Mysterious test tones; Bits & Pieces; AM Bandscan Station Report  
DEC Everything Old is New Again (a look back at AM radio); Nighttime IBOC; FM relays of AM; Station Report

### **ANTENNA TOPICS**

JAN Can You Describe the Antenna You Want?  
FEB Popular and Useful HF Antennas  
MAR An Abbreviated Antenna Dictionary  
APR Resonant, Incidentally-Resonant, and Non-Resonant Antennas  
MAY A Pedestrian-Mobile Antenna  
JUN Should I be Using an Antenna Tuner?  
JUL Tips on Increasing Handheld Performance  
AUG Shocking Experiences: Thoughts on antenna safety  
SEP A Simple, Wide-band, Field-strength Meter  
OCT Antenna Designs for VHF, UHF and Microwave  
NOV Useful Indoor Antennas  
DEC Diversity Reception, Smart Antennas, and Reliable Communications; Let's make a "poor man's smart antenna system"

### **ASK BOB**

JAN How to improve SW antenna reception; Using SW dipoles; multicoupler vs T-connector; TV preamp for scanners; vegetation on power poles; any medical benefits to Tesla coil?  
FEB Terminating unused ports in multicoupler; advantages of battery-powered SW operations; RG-6/U vs RG-8/U; dB gain for Super Select-A-Tenna vs original model; puzzling reception with active antenna; coupler needed between flat-two-wire and coax?  
MAR Understanding house current; understanding P-25 and trunking; push/push buttons; gain for

APR Select-A-Tenna models; using TV splitter w/two scanners  
Length of dipole for AM/SW; reason for coil-wrapped center pole in sat dishes; using cellular antenna for scanner; effect of rain on LF signals; 10 amp battery charger as power supply; legality of reading voice mail on opponent's cellular phone; multiband radio fluttering noise while tuning  
MAY Using discone without top element? Reception distance on "Close Call"; name for flexible pin plug?; unknown RFI spaced every 30 kHz; using RR trestle as SW antenna support?; comparing 2 Yagis; how to use 1 mobile antenna for scanner and transceiver; digital TV reception in fringe area

JUN Hooking up AM antenna; Disabling RFID tags; Does Canadian CG QSL? How to QSL Russian stations; Does SSB travel further than full-carrier AM?; Do any CB HTs have SSB?; Optimal wire length for HF antenna  
JUL Satellite coax okay for scanning? Difference between RG-6/U, RG6, RF8/X? SW beginner's questions. Would digital recorder overcome tape hiss? Antenna coupler, resistance and selectivity. How does GPS know best hunting and fishing times?

AUG Why make scanners w/cellular reception but no ability to decode? TV antenna okay for scanner antenna? Can cellphone be used for emergencies without buying a plan? What is adequate ground? Active antenna okay for AM DX with nearby 2.4 GHz uplink? How to remove hum heard at night using outdoor wire antennas?  
SEP IDing interference; replacement antennas for multiband; illegal to view wireless cameras? fluorescent light bulbs and interference; antenna swap surprises; longer-lasting AA batteries; apartment dwelling and electrical noise on HF

OCT QRN from cell towers on scanner; Is it legal to rebroadcast broadcasts or communications on the internet? VHF overload from local airport; Is a preamp advisable for better scanner reception? Will narrowbanding affect GMRS?; Is preselector useful for HF/LF? Could interference be causing 2.4 GHz dropouts?  
NOV More on fluorescent bulbs; Why doesn't lightning melt the rod? Connecting antennas together;

Why are cellular freqs still blocked? Is home-generated power safe for computers/radios? Which indoor SW antennas are best?

DEC More on apartment-dweller antennas. Which coax is best? How to ground equipment from 3rd floor? How to purchase IRCS? Does DRM have a future? Does stored gasoline go bad after a few months? Recommended scanner/antenna for distant NOAA Wx stations? Is R8500 legal for consumer use in US?

#### BEGINNER'S CORNER

JAN Preparing for the "Good Ol' Days" (upcoming solar cycle); More Parts Sources  
 FEB DXing Latin American TV & Radio via Satellite  
 MAR Exercise to Better Health with your Radio Hobby - biking  
 APR Stormy Weather (lightning protection); Reader Q&As (SWL QSL requests, adding inputs to digital TV receiver, over-air reception of network affiliates); Tracking Those Elusive IRCS  
 MAY How to Start Your Own International SW Station  
 JUN Do-It-Yourself Satellite Radio  
 JUL DIY Sat Radio: Taking it to the Limit (partial list of radio stations)  
 AUG Buying a Dedicated Weather Radio  
 SEP General Class: Welcome to HF  
 OCT The New Ham's HF Station Check List  
 NOV Yard Work and House Work: Take Your Radio Hobby Along  
 DEC Gift Ideas for your Favorite Radio Hobbyist (You!)

#### BELOW 500 kHz

JAN Tips from Kevin for 2007; Tips and Resources; What I Use; Loggings  
 FEB Prime Time: Chasing Euro-Broadcasters; Beacons; Lowfers; Going Even Lower  
 MAR New England Beacons: Locating Your Catch; News Flashes  
 APR News and Updates: ZM on 187.5; Arizona logs; VY1JA beacon; Sky & Telescope article on VLF; Marconi bust safe and sound  
 MAY DX Destinations: Location, checklist, communications, the big day; Hamfest season  
 JUN Warm Weather Tips. 500 kHz Experiment News.  
 JUL Housekeeping Tasks (some ways to help the author); mailbag  
 AUG LF Receiving Antennas (random wire, ferrite loops); mailbag  
 SEP LF Receiving Antennas (Loops); Loggings  
 OCT Antenna Wrap-Up: Active Antennas; Pierre SD Beacon? Loggings  
 NOV Your FAQs Answered: Best antenna or LF? What is WWVB?

What is lowest freq? How can I QSL? Warbling tones? Why Canadian beacons start with Y? "Our" Season is Here! Chasing Euro-Broadcasters; Beacons; Lowfers; Going Even Lower.

#### BOATS, PLANES, and TRAINS

JAN BOATS: Winter, Waves, and Wireless - Antenna Work and Autumn Reception; Unexpected Surprises; Caribbean Freqs; Rescue 21; Marine Radio Historical Society  
 FEB PLANES: VHF Aircraft Listening Potpourri. Magic (MAJIC?) in North Carolina; Quest for a Better Receiver; Better Coax, More Interference; Fish Finder; Aero Charts  
 MAR TRAINS: Hi-Rails, Track Permits and More Terminology; Altamont Press Update; O.S. Reports  
 APR BOATS: Intrigue and Inversions; HF Listening; Historical Radio  
 MAY PLANES: Airport Information for Listeners: AirNav, Airport/Facility Directory. Airport Identifiers, Airport Communications, ATIS Broadcasts, AWOS and ASOS, Runway Numbering; Published Procedures, Pilot/Controller Glossary, FlightAware, MT Anthologies  
 JUN TRAINS: Train Monitor's Paradise - The Powder River Basin  
 JUL BOATS: The Changing World of Marine Radio; Manitoba and Northern Ontario; VMS; HF info; EPIRBS; Reader Reports; Kingston Area  
 AUG PLANES: What is "Airspace"?  
 SEP TRAINS: Denver, the Rockies, and Repeaters - Golden as a base, Moffat Tunnel. Radio Discipline. Same words, different meaning.  
 OCT BOATS: Winter DX and Column Research; Annual Rush to the Sea; HF BCs across the world: Canada CG; Australia  
 NOV PLANES: Listening to Small Airports  
 DEC TRAINS: Traveling with a Scanner

#### COMMUNICATIONS

JAN AMATEUR RADIO: Red Cross Volunteers; Natl Traffic System; Public Svc Activity Report; Ham-band song. BROADCASTING: BCers support appeal against BPL; Kenya wants equal time; TDP Radio; DRM Yahoo Group; KCRW primary audience is online. NEW TECH: Cloning RFID easy; Wis bans forcible RFID implantation  
 FEB GOV & MILITARY: FCC Drops Morse Testing; ARRL Appeal BPL; April No Joke to CHU; Emergency Beacons Prohibited; USAF to Replace PLBs; Military LMR system vs garage doors;

Congress approves interop funds BROADCASTING: streaming audio; new VOA director. PHONES: Study shows cellular phones safe; Blame the sun for dropped calls.

MAR NEWS: FCC and FAA Tower Rulings; HCJB is Changing; Free Ham Podclass. MT HOME FRONT: Antique Radios Auctioned; What's the Frequency, Kenneth?; MT Blog hits big-time; Electronic Tutorials

APR Sat blown into smithereens; Space Control Center Moves; Cycle 24, Boon or Bane?; Globalstar problems; Hubble loses camera

MAY BROADCASTING: VOA English slashed; Webcasting in trouble; Payola settlement; FCC approves IBOC rules; Zimbabwe confiscates SW radios; TV Marti exec pleads guilty; San Fran Liberation Radio appeals. MISC: Spies sentenced; compensation to consumers? AMATEUR: Herman Munster's Ham QSO; ham radio suspended in Iraq; Dayton Hamvention; European DX Council

JUN FCC and BROADCASTING: Digital Deadlines: cellphones, television, FAA; Let the Bidding Begin; One-week LPFM Filing Window; CARP vs webcasters. AMATEUR RADIO: ham repeaters interfere with Mil radar; Background check update. MISC: DX Tuners shuts down; A Wok on the Wild Side; Don't Bee-lieve it! France selects DRM

JUL SCANNING: GAO Report on Interop; They Hear it on the Scanner; Hall Co GA encryption. MISC: Canadian "Spy" quarter fiasco; David Rosenthal obit.

AUG DISASTER PREP: Amateur Radio; 2007 Atlantic Hurricane Season; QuikSCAT; Emergency Broadcasting; FCC Strengthens EAS; FCC Petitioned to Allow Jamming.

SEP False Alarm (EAS); Hams Part of Emergency Planning in Barstow; Federal Court Denies Webcaster Appeal; AFN Broadcast Detachment Transfers Command; Bashkirian company blows up Russian towers; Build a Better Battery contest. Lady Bird Radio Owner, Jean Marius Novi WB4ENI, Prime Time Shortwave FCC Reconfigures 700 MHz Spectrum; Broadband in the "White Spaces"; DirecTV Adopts BPL; Pirate Reunion

NOV FCC: Digital TV deadline; Rebanding deadlines; automated disaster information reporting system. PUBLIC SAFETY: CAD interoperability; CDE; Air Traffic Controllers protest radio ban; Weather Radios recalled. BROADCASTING: Aggressive

marketing in Russian TV; Cuban Radio 85th anniversary; High Adventure Ministries founder dies; SaveNetRadio; Internet DJs must have license to play...

DEC Radio St Helena; Bloated BBC?; BBC Sputnik Challenge; New Leak Alerts Al Qaeda; Cell Phone Company Buys Surveillance Band; Memphis ARTCC Goes Black; California Fires; Dr Richard Wood Dies

#### COMPUTERS & RADIO

JAN Monitor Earth Orbiting Satellites - The Easy Way. (Heavens-Above and other web resources). Digital Hotspotter

FEB Staying Up To Date: updates on previously-reviewed programs (Spectrum Lab, RxPlus, SWLog, RadioMax, RF Space Spectra-vue, FlexRadio PowerSDR, MixW, HamScope, RadioControl, RecAll, ACARSD, ACARS Log Analyzer, DxMonitor, PC-HFDL, Omni-Rig, YPLog)

MAR SDR-14's Real Time Spectrum Recording

APR 91 Modes - Multipsk

MAY Mac Radio Programs (CocoaModem, MultiMode, DXToolBox, SignalScope, Tone Generator X)

JUN 2007 Computer Landscape - Hype, Confusion, & Reality

JUL Radio Jupiter Pro 3

AUG Not your father's satellite tracking program - Nova for Windows

SEP PC Digital Audio Recorder Programs (RecAll Pro, Scancorder, Sound Recorder, Snooper, Audacity)

OCT Windows Vista Versus Radio Programs; Mini USB 1.1 Docking Station; Programs tested (Icom IC-PCR1000 V2.2, RadioMax V5.17, Talk PCR V2.4F2, RxPlus V1.94, YPLog V4.48, Rig Resident V1.1, Ham Radio Deluxe V3.4 b1254, Radio Raft V3.21, Icom OKA V1.0, HamPort V1.0 Beta, DX Monitor V1.20)

NOV Full Spectrum Logging (DXTreme Software Reception Log); Enigma update; thoughts on information vs knowledge

DEC Lynovation's Wireless Bluetooth Radio Interfaces (BlueLync)

#### DIGITAL DIGEST

JAN Over the Horizon Radar and ALE Networks: How? Where? What? Italian Finance Guard/Customs ALE Net; Uzbek Army ALE Net

FEB Nigerian Oil on ALE; Mexican Navy; Yacht Email Continues to Develop

MAR Mexican Gulf and Brazilian Oil - PETROBRAS and PEMEX Oil; Nigerian Oil Update; STANAG 4529 On-Air

APR RFSM2400 MIL-188-110A Decoder Software [note: the incorrect illustration ran with this

article; correct one in May "Letters"], Czech Diplomatic Service; Russians on 16023; Algerian Diplo Service; Moroccan ALE Networks

MAY Digital Alligators on HF? Link-11; French Forces 184.6bd ARQ-E; Algerian Construction LE net; Mystery ALE networks

JUN Venezuelan Navy Network; New Missionary Net?

JUL Hoka Code 300-32; Siemens CHP200

AUG Pakistani Navy and Virginia Guard ALE; Hoka Code300-32, Part II

SEP Digital Utility Myths - Where Did all the RTTY Go? XSS Mystery ALE Network Identified; Some Old Modes Do Come to Life!

OCT High Speed Digital Communications; 110A Decoders; 110A Basics; Frequencies (US Coast Guard, Venezuelan Navy, Czech Diplo, Spanish Navy, Mexican Navy

NOV The Codan 16 Tone Modem; The Codan Chirp; Codan Networks: Egyptian Diplomatic, Moroccan MOI Network; Greek Network

DEC What Do I Need for Digital Decoding? Brazilian SIVAM on the Air

#### THE FED FILES (odd months)

JAN Projects, Close-Ups, and a Contest: MT 25th anniversary drawing; Bureau of Prisons Frequency Project; Justice Dept 25 Cities Project; Postal Inspectors; Immigration and Customs Enforcement (ICE); Listener Report from Oklahoma City

MAR Where is the IRS? Nat Park Service Moving to Digital; Dept of Energy Follow-up; Fed Files Myths and Legends (Seneca)

MAY A Super Week in Miami; Bureau of Prisons Project On-Line; Federal Scanning in Puerto Rico; Myths and Legends (Secret Service "Suit" radios)

JUL On the Campaign Trail with the Secret Service: VHF and UHF allocations; WHCA allocations. LA Bureau of Prisons update.

SEP Washington DC - Federal Scanning Wonderland: US Capitol Police, National Parks Service, Justice Dept, Dept of Homeland Security, US Secret Service, Misc and Unknown. Federal Trunk systems. Encryption. Fed Files Myths and Legends (Feds can operate wherever they want).

OCT Fed Files FAQs: Who's on this frequency? What scanner do I need? Where can I get fed freqs? Buzzes and clicks? Where did they go? How can I pick up wireless mics? Hearing a stake-out. Arizona Border Scanning.

#### FIRST LOOK

FEB Kaito KA1102 vs Eton S30DL

MAR Kaito KA1102 vs Sangean ATS-505P

APR Kaito 1103

MAY Uniden BC-RH96 Remote Head JUN Alinco DJ-X30T Scanner

Boston Acoustics Receptor HD radio; Radio Shack's Accurian HD radio

JUL Sangean HDT-1, the Component Approach

AUG Polk Audio's I-Sonic AM/FM/HD/ XM/CD/DVD and MP3 Player

SEP Cambridge SoundWorks 820HD AM/FM HD Radio Receiver

OCT The Radiosophy HD-100 Philosophy

NOV GRE PSR-500 Raises the Bar!

DEC Sony's XDR-S3HD Table-Top HD Radio

#### GLOBAL FORUM

JAN Clearing Frequencies in 2007 (Radio Slovakia, Radio Prague, YLE Radio Finland, RUV Iceland, RFI France, RAI Italy)

FEB Radio Canada (Inter?)National Remakes Itself

MAR Weeks of DST Confusion; Latin America SW Radio Lists; 2006 Clandestine Survey

APR India Commits to Domestic DRM on Shortwave

MAY Missionaries on the March in Micronesia ... and Central African Republic

JUN Where is Radio Republica? A-07 Freq Schedules

JUL WHRI Usurps Canadian Time Signal CHU

AUG Radio Budapest, Hungary, Closed Down

SEP Italy Quitting Shortwave? Austria Stays; Finland Could Come Back

OCT Pulse Over-the-Horizon Radar Interference

NOV Monitoring 190 kHz of spectrum at a Time

DEC DRM Frequency Management

#### LETTERS

JAN More Kudos; Ramsey Aircraft Monitor; Controlling the R8B; Beacon Hunting; New MT Readers Website

FEB Congratulations, MT! More on "Growing Up with Radio"; Corrections (Niagara Falls, Studio Transmitter Links)

MAR And the Winners Are...; The SW Debate Continues; Programming Spotlight; homebrew motor photos; Lost CW Gadget

APR Correction to Labrador article; Future of Shortwave; Glad I read it in MT; More Parts Suppliers Editorial: It's so easy a caveman could understand it!

MAY Correction to Digital Digest illustration; MT at Winterfest; Harmony on the Ham Bands; Radio Cats!; Hello from Canada; KY Music Hall of Fame

JUN Antique Telephones; Antique Scanners; New Tech (wi-fi, DRM, computer-hosted radios); DRM SWBC's salvation, true or false?  
 JUL Antennas; Keeping cool (ice field faxes); Surge protectors  
 AUG The World According to Emmitt; More on HD Radios. Guest Editorial: Evaluating the Emergency Alert System  
 SEP Going to Great Lengths (John Musgrave's radio hobby); Monitoring Sea-Tac; Footnotes (WWII jingle, Godzilla reference)  
 OCT Tom Kneitel - The Write Stuff; Can you switch DISH to DirecTV? More info on INMARSAT decoding?  
 NOV Feedback: Mystery Radio; Fox Scanners; Emergency Battery Ops; WRNO Memories; Local Stations On Line; Antique Electricity (Lindsay's Technical Books)  
 DEC Early FM Radio; VOX; VBR Prescott; The Law and Streaming Audio

#### MILCOM

JAN The FLSATCOM System  
 FEB LEASAT - The Fleet Augmentation  
 MAR Air Show Equipment and Schedules 2007  
 APR Ultra High Frequency Follow-On (UFO) Program  
 MAY Military HF Comms Alive and Well; Milair Frequency Changes; Aussie HF Military Network  
 JUN The CAP VHF Radio Network - Frequencies in Transition; New Military Trunk Systems Uncovered  
 JUL Monitoring the US Army: Command Emergency Op Net; Nat'l Guard State Nets; SHARES  
 AUG Ear on the National Capitol Region: Joint NCR System; More 380MHz LMR in DC area; Call for Monitors; More HF Milcom  
 SEP More 380-400 MHz Trunk Systems: Calif/Fla/Ga/Va/Wa. New London Submarine Base. Westover JARB Update. New Ohio Guard HF Frequency. Milair Frequency Changes  
 OCT US Aerial Refueling Frequencies Changed; US Air Force Trunk Radio Systems; New Georgia Military Net; Milair Band Spectrum Holes  
 NOV Monitoring the UK Royal Air Force: Russian Long Range Air Force; USAF Trunk Systems; Monitoring Military HF  
 DEC The Hidden Military Band (VHF-Low); US Army Trunk Systems, Part 1

#### MT ARCHIVES

JAN DXing Broadcast Harmonics

#### MT HELP DESK

JAN What is STANAG 4285 and how to monitor it; Activity on 5680 and

FEB 7257; best and cheapest way to monitor UHF military  
 Can the BC250 be flash upgraded to receive P25 9600 baud system? Uniden BR330T vs 396T vs Yaesu VR-500. Changes in marine channels? Filter to only pass 225-400 MHz?  
 MAR INTEROP freq pairs; pager blocking; software for ALE and computer control; monitoring EJ Johnson Multinet APCO 16 system; HF radio nets  
 APR Andrews AFB Shark ID; Who is using 360.800? Equip needed to monitor HF-ALE; Who is on 12067 USB? Who is Atlas 310 on 11232 kHz? PC-based scanner equipped for P-25; RTTY on 9030 kHz; unknown ALE stations on 15867  
 MAY Free propagation prediction; which freq in pair is input? Is USCG signal skip or relay?; ScanCat/Signal Stalker problem  
 JUN CAP-assigned callsigns; Skynet 5A milsat; Is there a source for MARS stations and freqs?  
 JUL Government Interoperability Nationwide Frequencies  
 AUG How to decode ALE bursts and what antenna recommended? Where is activity on USCG/ COTHEN nets? What are best prop conditions for best listening? Why discrepancy in search ranges for air show monitoring between MT and Top Secret Registry? Which mode best to search at air shows?  
 SEP What is SGLS, who uses it, what equipment needed? Websites for A and K indices. Uniden 246T skips every few seconds. Freqs for Hawaiian Air National Guard. Does commercial SSB use similar USB/LSB conventions as ham radio?  
 OCT What are FCC's plans for UHF TV channels after switch to HDTV? How to use delay settings on Uniden 996; Interference problems on radio control frequencies; Second thoughts on Uniden 246T skip problem.  
 NOV More on Propagation; New freqs for Progress Energy; New DoD systems are what kind? Who or what is Hilda? Is there a milair BNC antenna? Is LORAN still active (in Searchlight, Nev.)?  
 DEC Did I see a refueling flight and where from? Recommended utility software/hardware package? Who is Bumpy-22? Who was on 30.6? Recording active frequencies?

#### MT REVIEW

JAN Tecsun Green-138 wind-up MW/FM/SW  
 MAR KAITO KA009 Dynamo & Solar Powered Radio  
 APR MFJ 1026/1026 Noise Canceling Signal Enhancer

MAY Comparing Four Mid-Priced Portables (Grundig G4000A, G5, Kaito 1103, Sony ICF-SW7600GR)  
 JUL A "Mounting" Problem - conventional; small inexpensive; professional; DIY mobile mounts  
 AUG Going Mobile with HD Radio  
 SEP MFJ Model 1623 Window/Balcony Mount Antenna; NetWorks and NetWorksGo from Tivoli  
 OCT RadarBox by AirNav Systems  
 NOV Kaito's Multifaceted KA1121 portable shortwave and more

#### ON THE BENCH

JAN Back-Up Power for Home and Hobby  
 FEB On the Technical Side (readers letters): Going Mobile on SW; A Poor Man's Wind Sock; Antenna Experimenting; Getting Grounded; What's This Gadget? What's That Antenna?  
 MAR Operational Amplifiers  
 APR Solar Power for Eton and Grundig Cranks; AOR DS3000A discone antenna; No-sweat antenna radial installation  
 MAY Getting that Rig Back on the Air (Icom IC-761)  
 JUN Frugal Guide to DRM Reception  
 JUL Scanner Programming: Getting the Most from the New Uniden Scanners  
 AUG Antennas for BC-Band Crystal Sets; Update on INMARSAT  
 SEP Model Motors from Scrap  
 OCT Junk Box Treasures: Shafts  
 DEC Unleashing the Icom PCR-1000 with a PDA

#### ON THE HAM BANDS

JAN Something Old, New, and a Few Dogs, Too (Icom IC-730 and AT-200Pro tuner)  
 FEB Ragchewing Revisited (what to talk about)  
 MAR Get on the Bus as CW Goes Gently Away (CW requirement gone and FCC Omnibus rulings)  
 APR April Odds and Ends: Chasing 5 Band WAS; MS Vista; Computers Cheap; VHF Contesting; book review  
 MAY Searching for an Island with a Mountain with a Lighthouse: Islands on the Air; Summits on the Air; Lighthouses; County Hunting. Web site and book of the month.  
 JUN Having Fun on Field Day; Website of the Month; Software of the Month  
 JUL How Green is My Shack? Power to the People; Recycle Everything; Website, Book of the month.  
 AUG Collectable Ham Radio; Website, book of the month  
 SEP The Ham as Scannist: Know Thyself; Know Your Frequencies; Know Your Local System; Know

Your Equipment; Know Your Power Needs and More  
 OCT Emergency "What If" Thinking  
 NOV Promoting Ham Radio  
 DEC Ham Radio's Holiday Gifts (contest and special event stations)

#### OUTER LIMITS

JAN FM Pirate Activity Continues Despite Busts; Degeneration X not DXers; Borowitz on Pirates; Crystal Ship QSLs; Pirate Beacons  
 FEB Al-Zawraa TV Goes Clandestine via Satellite. The Future of Radio blog Closes. Playboy Cover's Pirates. Daily News covers Numbers Stations; Schoeck's Pirate List. Tokyo Rose Dies  
 MAR Focus on Cupido Radio; Pirates at Fest; Al Muick in Sudan  
 APR Radio Ice Cream; FCC Monitoring Web Site; Marti Broadcasts in USA; Copyright and Pirate Radio  
 MAY Pirate Radio and the Media: Global Crisis Watch; Fla Pirate Web Site; Mainstream coverage; New Iranian clandestine; Radio Pun  
 JUN Radio Azteca Dominates Fest; BLANDEX Returns; Greek Pirate; Odd Numbers Voice; Radio Free Mt Airy; Homebrew Rigs; Pirate Goes Legit  
 JUL Pirate Radio Gets Headlines; Harry Helms on Tourism; Greeley "Pirate": Clandestine QSLs; ARRL Attacks Clandestine  
 AUG WHRI Interferes with CHU; New FRW Editor; Clandestine Web Links; Padula Receives 8,145th QSL; Odd Jammer; Airborne Radio Marti  
 SEP Cuban Spies Convicted; Pirate web sites; British MPs Protest Crimestoppers ad; Ethiopian Clandestine; West Bank Pirates; Holidays  
 OCT Halloween a Major Pirate Holiday; Commander Bunny for President; Oldest Pirate QSL? North Korean Quasi-Clandestine; Harry Potter on Pirate Radio  
 NOV Thanksgiving= Pirate Radio. Pirate reception on internet; WBNY vs WBCQ; ACE returns as web site; BLANDEX returns  
 DEC Commander Bunny's Presidential Bid; Christmas Biggest Pirate Holiday; Mysterious Carrier; Odd Alabama Signal

#### PROGRAMMING SPOTLIGHT

JAN Czeching on Slovakia (Czech Republic Radio Prague and Radio Slovakia International)  
 FEB Sounds Historical (programs about history)  
 MAR Unforgettable Radio: Memorable Presenters; Today's Classics; Golden Age comes Alive  
 APR DX Programs; Language Lessons by Radio update

MAY Spotlight on Radio Netherlands; Other Benelux broadcasters  
 JUN Country Music Worldwide  
 JUL More DX Shows: Programs Morphed into websites; DX segments still on shortwave; DXing with Cumbre update  
 AUG Good Listening from the Far East: Radio Japan and KBS Radio Worldwide; Listening to Australia during severe weather crisis  
 SEP Cruising on the Information Highway - BBC World Service; New Zealand; South Africa; Canada; Something a Little different. RAE Update.  
 OCT Romania, Myth and Magic - Radio Romania International; War of the Worlds; Halloween Listening Today  
 NOV Faith Matters; Radio Australia, CBC, Deutsche Welle, Radio New Zealand, Voice of Russia, Channel Africa  
 DEC Yuletide and Year's End: Leading up to Christmas, Christmas Eve, Christmas Day, New Years Eve/Day

#### QSL REPORT

JAN LowFERS and MedFERS  
 FEB The Low-Down for Beacon Heads  
 MAR Radio Prague Releases Lookout Tower QSLs  
 APR Higher International Mail Rates; SRI Celebrates 70 Years  
 MAY 75 Million QSOs and Growing  
 JUN Word to the Wise DXer on IRCs  
 JUL Clearing Out the In-Basket  
 AUG New QSL Card Series for Collectors (Radio Taiwan, HCJB, Radio Free Asia), Radio Bulgaria Monitoring Club  
 SEP Get Ready for MW Season  
 OCT One World...One Dream (China); Radio Tirana QSL series; Pirate QSLing  
 NOV Medium Wave QSLing  
 DEC Holiday Listening

#### RADIO RESTORATIONS

JAN More Radio Data Books for Your Library  
 FEB Back on Track with the Trans-Oceanic (print edition had same title as Jan!)  
 MAR T-O Now Recapped and "Re-Rectified"  
 APR Wrapping Up the Trans-Oceanic Project  
 MAY Introducing the BC-348  
 JUN More on the Trans-Oceanic and BC-348: Battery Packs for Longevity; Other T-O Comments; First Look at our BC-348  
 JUL BC-348 Restoration Begins  
 AUG Recapping the BC-348  
 SEP The BC-348 Restoration Continues  
 OCT The BC-348 Gets a Smoke Test  
 NOV Power Supplies for the BC-348  
 DEC A Permanent Power Supply for the BC-348

#### SCANNING REPORT

JAN Sheboygan Falls WI Scanning is a Life Saver; Louisville KY; Mississippi state radio network; Jackson MS EDACS; Virginia Ten Codes; Westport CT  
 FEB Trunking and Talkgroups: Allen TX; Talkgroups; Using the RS PRO-97; Collin County TX, Plano TX  
 MAR Choosing a Scanner: CB Radio; FRS & GMRS; Griffin GA; Digital Scanners; Trunking. Suburban Chicago Mutual Aid; MABAS; Des Plaines IL; Naperville IL; DuPage County  
 APR Smart Zone, Smart Net; Morris Co NJ; UHF Trunked Radio; Hang Time, Squelch Tails, and Uniden BC245XLT; McMinnville OR update  
 MAY Crossing the Digital Divide: Los Angeles Police Dept; LA Fire Dept; Port Hope ON; Encoding versus Encryption; Dayton Hamvention  
 JUN Matching the Scanner to the System: Modern Scanners. Wash DC Public Safety; Palos Heights IL; Valentine NE; Parker County TX; Chicago IL update. MPT-1327 Systems  
 JUL Scanning Oklahoma, Oregon, and Delaware. Tulsa OK; Oregon Sticker Shock; Delaware statewide system  
 AUG Interoperability on a Smaller Scale - Steuben Co IN; LCN and EDACS; Marion IN; Fulton IL; Louisville KY; Port Hope ON query; Hawaii recordings  
 SEP Back to Scanner School: trunked systems, finding control channel, etc. Henry County VA; Haverhill MA; Levy County FL; Battle Creek MI; Val D'Or QB query.  
 OCT Mining the Scanner Manual; Peachtree City GA; PRO-97 Memory; Glenwood Springs CO; Canadian Frequencies (looking for Deux-Montagne information); Spring Hill FL  
 NOV The Search for Meaning... Motorola Astro; Astro Trunking; Drummond Is MI; Colden, NY; Finding Freqs; NY Statewide Wireless Net; Chemung Co NY; Heath OH  
 DEC Scanning Down Memory Lane (reflecting on simple beginnings to digital trunking)

#### UTILITY WORLD

JAN Cuban Morse "Numbers" Frequencies; LORAN-C Changes  
 FEB Utility Band Deadline Approaches: Trouble at CHU; Changing Weather Fax; US Changes. The Future (WARC-07)  
 MAR ShipCom Frequencies - WLO, KLB, KNN, WCL, EKA? G11: A Numbers Station Returns; Visual DX? Fun radio places to visit using Google Earth

MAY	CHU Stays Put! Latest beacon mystery - PUN; This month's Cuban strangeness	New Equipment for 2007	Jan
JUN	HFDL: Everything You Ever Wanted to Know	Pak-Lite emergency light	Dec
JUL	US Coast Guard May Drop HF Broadcasts; Air Force MARS Change; DX Tuners Closes; Cuban PSK Testing	RatTail Antenna Booster	Feb
AUG	Year-Long XSS Mystery Solved	Tac-Comm Tactical Radio Carrier	Apr
SEP	PC-HFDL: A Good Program Gets Better; VHF HFDL Counterpart Now Active; XSS is TASCOMM?	WinRadio AX-81S Active HF Ant	Jul
OCT	Spooky Communications - Israeli Phonetic Alphabet Station; Long EAMs Aren't Spooky; Has Cycle 23 Bottomed?	Xtal Set Soc - 3 new kits	Apr
NOV	Summertime in Antarctica; More Google Earth exploring	Xtal Set XS-DE Dual-earpiece	
DEC	The Arctic: HF's New Frontier; New Guam LDOC? Cuban Mode of the Month!	headphone kit	Aug

## WHAT'S NEW

### Books, CDs

208 It Was Great	Jan
2007 Guide to Utility Radio Stns	Mar
2007 SW Freq Guide	Mar
2007 Super Freq List	Mar
A Matter of Destiny	Jul
ARRL Antenna Book	Aug
AFFL FCC Rules & Regs for Hams	Nov
ARRL GPS and Amateur Radio	Jul
ARRL Handbook	Jan
ARRL Periodicals on CD-ROM	Jun
ARRL Repeater Directory	Jun
ARRL RFI Handbook	Jun
Collector's Guide to Antique Radios	Dec
Crystal Radio Projects	Jun
Domestic Broadcasting Survey 9	Aug
FAA Electronics Technician	
Life Style	Sep
Foreign Language Recognition CD +	
RCI SW Club archival programs	May
Listening to Longwave	Jun
Music Radio	Jun
NRC AM Radio Log	Nov
Passport to WBR	Jan
Something in the Air	Feb
The Secret Wireless War	Jul
Tourist Trains Guidebook	May
Tower Site Calendar 2008	Nov
World QSL Book announcement	Sep
World QSL Book review	Oct
World Radio TV Handbook	Mar

### Business news, Software

Eton E1XM Partial Recall	Feb
Orbcomm Plotter	May
Popular Electronics Top Ten	Dec
Soundsnap website	Sep
Swift WX Professional	Apr

### Equipment

AirNav RadarBox	Sep
AOR AR-ALPHA	Sep
Autonet Mobile hotspot	Aug
GRE announces new radios	Jul
GRE PSR-100/200	Nov
GRE PS-500/PS-600 specs	Oct
ICOM IC-R9500 wideband receiver	May
Morse Express Christmas Key	Dec
NASCAR Nextel FanView	Apr